

MISSOURI CAREER REPORT CARD

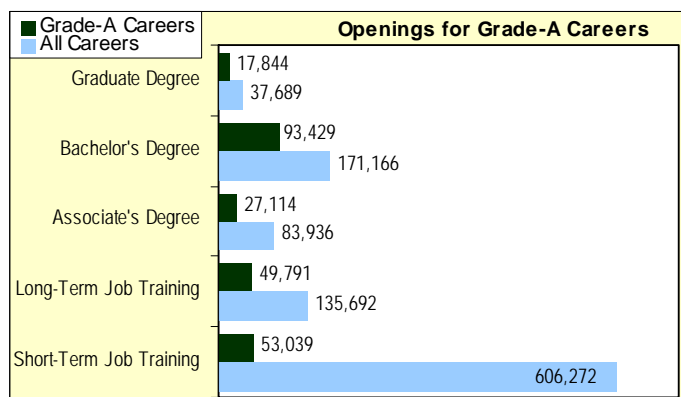
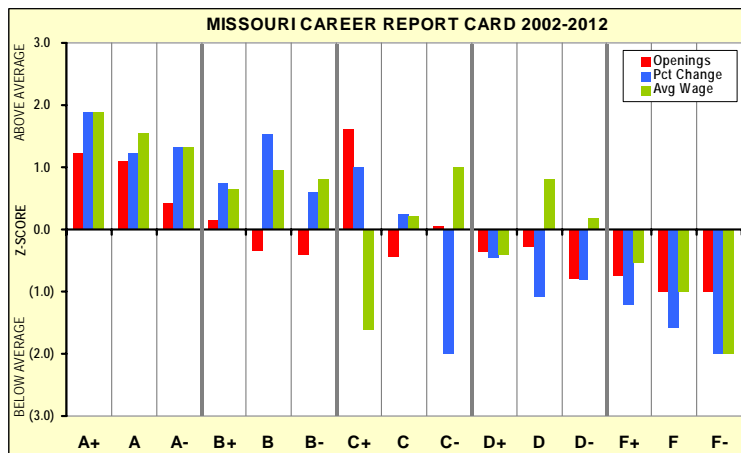
2002-2012 OCCUPATIONAL OUTLOOK

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Missouri's Career Report Card assigns academic letter grades to occupations based on their economic outlook over the next decade – with *Grade-A* jobs having the best outlook and *Grade-F* jobs having the worst outlook. Grades were based on: (a) job openings, (b) percent growth, and (c) average wages.

Grade-A Careers Fast Facts

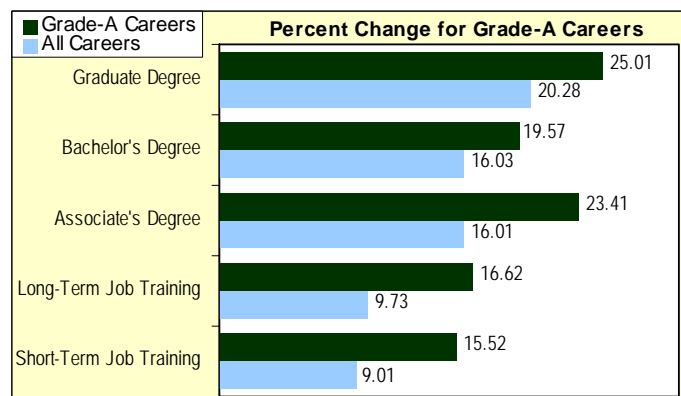
- Base employment of 636,514 in 2002 (22.2% of all employment statewide).
- Average annual wage of \$52,083 in 2002 (average wage statewide is \$33,327).
- 241,217 job openings between 2002-2012 (23.3% of all openings statewide).
- 18.8% percent growth between 2002-2012 (average growth statewide is 11.2%).



Most Grade-A Careers will require higher education, particularly a college degree.

Of all Grade-A career openings, 39% will require a bachelor's degree, 11% an associate's or vocational degree, and 7% a graduate degree.

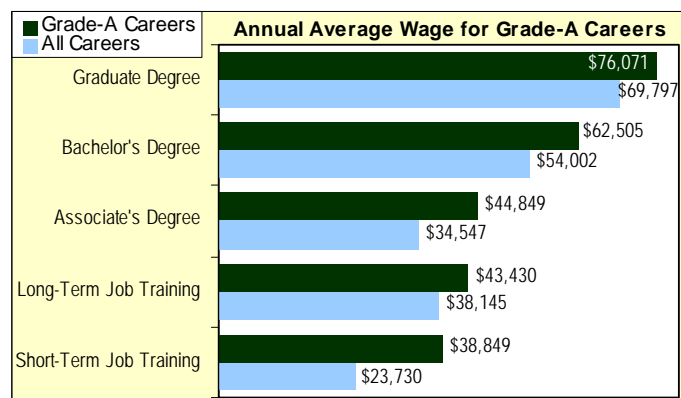
However, 21% will require long-term on-the-job training and 22% will require short-term training.



Grade-A Careers will grow faster than the state average for similar trained careers.

Grade-A careers that will grow by 20% or more through 2012 will require a graduate degree, an associate's or vocational degree, or a bachelor's degree.

All Grade-A careers will grow faster than the average for similar trained careers.



Grade-A Careers pay higher wages than the state average for similar trained careers.

Grade-A careers that pay the highest wages require a graduate or bachelor's degree, an associate's or vocational degree, or require long-term on-the-job training.

All Grade-A careers pay wages higher than the average for similar trained careers.

Career Grade	SOC	Occupation	Job Openings	Percent Growth	Average Wage	Education and Experience Typically Required	Pct BA/BS or Higher
A+	29-1111	Registered Nurses	21,823	22.65	\$44,830	Associate degree	58.09
A+	13-1199	Business Operations Specialists, All Other	5,192	17.80	\$50,420	Bachelor's degree	55.70
A+	15-1051	Computer Systems Analysts	3,619	24.01	\$58,720	Bachelor's degree	62.44
A+	11-2022	Sales Managers	3,329	23.63	\$78,930	Bachelor's or higher degree, plus work experience	67.16
A+	11-3021	Computer and Information Systems Managers	2,808	29.13	\$76,770	Bachelor's or higher degree, plus work experience	70.37
A+	15-1031	Computer Software Engineers, Applications	2,731	31.67	\$68,320	Bachelor's degree	80.70
A+	11-9111	Medical and Health Services Managers	2,437	25.48	\$65,330	Bachelor's or higher degree, plus work experience	61.02
A+	15-1081	Network Systems and Data Communications Analysts	2,377	45.94	\$59,300	Bachelor's degree	57.55
A+	29-1051	Pharmacists	2,287	27.83	\$73,100	First professional degree	94.84
A	47-2111	Electricians	4,571	18.70	\$48,980	Long-term on-the-job training	6.14
A	47-2073	Operating Engineers and Other Construction Equipment Operators	3,608	15.16	\$39,100	Moderate-term on-the-job training	2.38
A	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	3,598	16.76	\$50,040	Work experience in a related occupation	10.13
A	11-3031	Financial Managers	3,589	15.37	\$70,670	Bachelor's or higher degree, plus work experience	61.30
A	23-1011	Lawyers	3,570	17.53	\$108,770	First professional degree	97.77
A	15-1041	Computer Support Specialists	3,438	22.12	\$40,430	Associate degree	41.77
A	33-2011	Fire Fighters	3,414	25.83	\$46,510	Long-term on-the-job training	16.31
A	11-9021	Construction Managers	2,447	15.15	\$62,520	Bachelor's degree	28.01
A	13-2072	Loan Officers	2,345	20.29	\$49,230	Bachelor's degree	50.28
A-	11-1021	General and Operations Managers	15,036	14.09	\$72,450	Bachelor's or higher degree, plus work experience	48.35
A-	53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,745	16.42	\$36,170	Moderate-term on-the-job training	4.92
A-	25-2031	Secondary School Teachers, Except Special and Vocational Education	11,218	17.44	\$35,770	Bachelor's degree	94.91
A-	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,435	13.58	\$47,490	Moderate-term on-the-job training	48.52
A-	49-9042	Maintenance and Repair Workers, General	9,069	14.89	\$30,850	Moderate-term on-the-job training	8.52
A-	47-2031	Carpenters	8,258	11.90	\$41,070	Long-term on-the-job training	5.13
A-	13-2011	Accountants and Auditors	6,661	11.98	\$47,660	Bachelor's degree	73.61
A-	33-3051	Police and Sheriff's Patrol Officers	6,371	29.42	\$29,690	Long-term on-the-job training	27.77
A-	11-1011	Chief Executives	5,417	14.22	\$122,350	Bachelor's or higher degree, plus work experience	62.77
A-	51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,877	9.94	\$41,710	Work experience in a related occupation	12.50
A-	47-2061	Construction Laborers	4,842	15.21	\$34,240	Moderate-term on-the-job training	4.83
A-	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	3,922	13.48	\$47,000	Work experience in a related occupation	12.13
A-	47-2152	Plumbers, Pipefitters, and Steamfitters	3,587	13.71	\$46,880	Long-term on-the-job training	4.16
A-	41-9099	Sales and Related Workers, All Other	3,401	17.77	\$37,400	Moderate-term on-the-job training	47.06
A-	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,296	14.59	\$58,710	Moderate-term on-the-job training	48.52
A-	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	2,682	28.22	\$33,930	Bachelor's degree	90.22
A-	15-1071	Network and Computer Systems Administrators	2,199	30.17	\$52,660	Bachelor's degree	50.17
A-	11-9032	Education Administrators, Elementary and Secondary School	2,111	20.32	\$67,010	Bachelor's or higher degree, plus work experience	73.53
A-	27-2022	Coaches and Scouts	2,043	17.85	\$38,890	Long-term on-the-job training	59.74
A-	47-2211	Sheet Metal Workers	1,937	15.28	\$42,560	Moderate-term on-the-job training	1.77
A-	13-2052	Personal Financial Advisors	1,897	52.02	\$58,450	Bachelor's degree	81.81
A-	13-1051	Cost Estimators	1,712	16.39	\$49,890	Work experience in a related occupation	28.81
A-	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,665	25.65	\$39,340	Long-term on-the-job training	3.62
A-	13-1073	Training and Development Specialists	1,584	20.00	\$43,160	Bachelor's degree	55.70
A-	25-1071	Health Specialties Teachers, Postsecondary	ND	ND	ND	Master's degree	89.76
A-	29-2011	Medical and Clinical Laboratory Technologists	1,509	16.40	\$41,320	Bachelor's degree	49.73
A-	15-1032	Computer Software Engineers, Systems Software	1,505	35.93	\$66,890	Bachelor's degree	80.70

Career Grade	SOC	Occupation	Job Openings	Percent Growth	Average Wage	Education and Experience Typically Required	Pct BA/BS or Higher
A-	41-3031	Securities, Commodities, and Financial Services Sales Agents	1,439	15.71	\$65,210	Bachelor's degree	67.09
A-	27-2042	Musicians and Singers	1,310	17.23	\$48,620	Long-term on-the-job training	52.90
A-	47-2081	Drywall and Ceiling Tile Installers	1,165	21.65	\$41,550	Moderate-term on-the-job training	2.33
A-	27-3031	Public Relations Specialists	1,151	26.34	\$40,000	Bachelor's degree	77.83
A-	29-2021	Dental Hygienists	1,131	46.89	\$55,200	Associate degree	32.12
A-	29-1123	Physical Therapists	1,093	27.43	\$53,400	Master's degree	91.43
A-	47-2221	Structural Iron and Steel Workers	1,075	16.95	\$45,150	Long-term on-the-job training	1.30
A-	33-1012	First-Line Supervisors/Managers of Police and Detectives	1,068	17.86	\$48,210	Work experience in a related occupation	28.43
A-	29-1062	Family and General Practitioners	1,059	18.45	\$131,910	First professional degree	96.89
A-	25-1011	Business Teachers, Postsecondary	1,016	32.84	\$53,520	Master's degree	89.76
A-	15-1061	Database Administrators	949	35.27	\$56,550	Bachelor's degree	67.14
A-	21-2021	Directors, Religious Activities and Education	944	23.17	\$50,210	Bachelor's degree	56.97
A-	13-1072	Compensation, Benefits, and Job Analysis Specialists	926	24.77	\$43,060	Bachelor's degree	55.70
A-	29-1127	Speech-Language Pathologists	925	24.93	\$49,340	Master's degree	96.96
A-	33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	919	24.31	\$53,940	Work experience in a related occupation	25.04
A-	33-3021	Detectives and Criminal Investigators	901	22.20	\$43,400	Work experience in a related occupation	55.58
A-	17-1011	Architects, Except Landscape and Naval	881	24.35	\$60,250	Bachelor's degree	87.23
A-	13-2051	Financial Analysts	848	16.07	\$61,390	Bachelor's degree	78.23
A-	25-1199	Postsecondary Teachers, All Other	821	29.35	\$48,370	Doctoral degree	89.76
A-	11-9033	Education Administrators, Postsecondary	783	19.75	\$71,400	Bachelor's or higher degree, plus work experie	73.53
A-	19-3031	Clinical, Counseling, and School Psychologists	779	22.59	\$57,410	Doctoral degree	99.39
A-	29-1122	Occupational Therapists	776	29.94	\$51,010	Bachelor's degree	86.10
A-	29-1199	Health Diagnosing and Treating Practitioners, All Other	773	17.77	\$58,570	Bachelor's degree	83.26
A-	11-2011	Advertising and Promotions Managers	766	17.14	\$60,010	Bachelor's or higher degree, plus work experie	69.86
A-	25-1121	Art, Drama, and Music Teachers, Postsecondary	725	34.52	\$44,200	Master's degree	89.76
A-	15-1099	Computer Specialists, All Other	722	25.05	\$56,940	Associate degree	62.44
A-	25-1123	English Language and Literature Teachers, Postsecondary	645	32.01	\$46,290	Master's degree	89.76
A-	25-1072	Nursing Instructors and Teachers, Postsecondary	611	29.26	\$46,250	Doctoral degree	89.76
A-	25-1022	Mathematical Science Teachers, Postsecondary	602	31.33	\$48,170	Master's degree	89.76
A-	25-1021	Computer Science Teachers, Postsecondary	594	31.93	\$44,150	Master's degree	89.76
A-	47-2082	Tapers	541	21.42	\$47,290	Moderate-term on-the-job training	2.33
A-	25-9031	Instructional Coordinators	527	19.95	\$45,400	Master's degree	84.63
A-	19-1042	Medical Scientists, Except Epidemiologists	ND	ND	ND	Doctoral degree	97.68
A-	25-1081	Education Teachers, Postsecondary	505	32.25	\$43,520	Doctoral degree	89.76
A-	11-2031	Public Relations Managers	500	16.75	\$61,970	Bachelor's or higher degree, plus work experie	70.56
A-	47-4011	Construction and Building Inspectors	500	17.84	\$39,790	Work experience in a related occupation	22.44

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